

Appl. No. 09/970,597  
Amendment dated November 8, 2004  
Reply to Office Action of October 19, 2004

### REMARKS

Applicants respectfully request entry of page 75 of the substitute specification under 37 C.F.R. §1.125; MPEP §608.01(q), and in accordance with *Ex parte Quayle*. Both a clean and marked copy of page 75 of the substitute specification are submitted. Page 75 was amended to add SEQ identifiers, headings, cross references, and typographical corrections. No new matter is included on page 75 of the substitute specification. In addition, additional descriptors have been added to the fields in the sequence listing in accord with later versions of sequence programs.

### CONCLUSION

In view of the foregoing, the Applicants believe that the case is in condition for allowance and such action is respectfully requested. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned at the below-listed telephone number.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, Minnesota 55402-0903  
(612) 332-5300

Date: November 8, 2004

Katherine M. Kowalchuk  
Katherine M. Kowalchuk  
Reg. No. 36,848  
KMK:sab



**MARKED-UP VERSION  
OF PAGE 75 OF SPECIFICATION  
ATTACHED TO  
AMENDMENT  
DATED NOVEMBER 8, 2004  
SERIAL NO. 09/970,597**

gaccotccgc cttaccggga cccagggcca cctctcctg acgggaacgg cgatagcgga 540  
 gaagtggccc ctacagaagg agccccctgac ccttccccc aa tggatccccg cctgccccgga 600  
 agaaaagaac cccccgtggc ggattctact acctctcagg cgttccccct tcgctcggga 660  
 5 gggaatggac agtatcaata ctggccattt tctctcctg acctctataa ctggaataat 720  
 aacaaccctt ctttctccga ggaccagct aaattgacag ctttgatcga gtccgttctc 780  
 cttactcatc agcccacttg ggatgactgc caacagctat tagggaccct gctyaccggga 840  
 gaagaaaaac agcgagtgtt cctagaggcc cgaaggcggg ttcgagggga ggacggacgc 900  
 ccaactcag 909 16-413 DNA-Friend murine leukemia virus (F-MuLV) 16

10 <210> SEQ ID NO 16

<211> LENGTH: 413

<212> TYPE: DNA

<213> ORGANISM: Friend murine leukemia virus (F-MuLV)

<400> SEQUENCE: 16

15 atggggccagg ctgttaccac ccccttaagt ttgactttag accactggaa ggatgtcgaa 60  
 cggacagccc acaacctgtc ggtagaggtt agaaaaaggc gctgggttac attctgtctt 120  
 gcagaatggc caaccttcaa cgtcggatgg ccacgagacg gcacttttaa cccagacatt 180  
 attacacagg ttaagatcaa ggtcttctca cctggcccac atggacatcc ggatcaggtc 240  
 ccctacatcg tgacctggga agctatagca gtagaccccc ctccctgggt cagacccttc 300  
 20 gtgcacccta aacctccctt ctctcttccc ccttcagccc cctctctccc acctgaaccc 360  
 ccactctega ccccgcccca gtctccctc tatcgggtc tcacttctcc ttt 413

**CLEAN VERSION  
OF PAGE 75 OF SPECIFICATION  
ATTACHED TO  
AMENDMENT  
DATED NOVEMBER 8, 2004  
SERIAL NO. 09/970,597**

gaccctccgc cttaccggga cccagggcca cccctcctg acgggaacgg cgat agcggga 540  
gaagtggccc ctacagaagg agccctgac ccttcccaa tggatcccc cctgcgggga 600  
agaaaagaac ccccggtggc ggattctact acctctcagg cgttccccct tcgctggga 660  
gggaatggac agtatcaata ctggccattt tctcctctg acctctataa ctggaaaaat 720  
5 aacaacccct ctttctccga ggaccagct aaattgacag ctttgatcga gtccgttctc 780  
cttaetcatc agcccacttg ggaatgactgc caacagctat tagggaccct gctgacggga 840  
gaagaaaaac agcgagtgtc cctagaggcc cgaaaggcgg ttcgagggga ggacggacgc 900  
ccaactcag 909

10 <210> SEQ ID NO 16

<211> LENGTH: 413

<212> TYPE: DNA

<213> ORGANISM: Friend murine leukemia virus (F-MuLV)

<400> SEQUENCE: 16

15 atggggcagg ctgttaccac ccccttaagt ttgactctag accactggaa ggtgtgcga 60  
cggacagccc acaacctgtc ggtagaggtt agaaaaaggc gctgggttac attctgctct 120  
gcagaatggc caaccttcaa cgtcggatgg ccacgagacg gcacttttaa ccagacatt 180  
attacacagg ttaagatcaa ggtcttctca cctggcccac atggacatcc ggttcaggtc 240  
ccctacatcg tgacctggga agctatagca gtagaccccc ctccctgggt cagaccttcc 300  
20 gtgcacccta aacctcccc ctctcttccc ccttcagccc cctctctccc acctgaaccc 360  
ccactctcga ccccgcccca gtctctctc tatecggctc tcaattctcc ttc 413